

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	"7158573".pn.	USPAT	OR	OFF	2010/09/19 15:05
L3	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/09/19 15:17
L4	550574	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L5	32	L4 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L6	16	L5 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L7	0	L6 not L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L8	16	L5 not L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L9	2445	L4 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L10	0	L4 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L11	0	L4 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L12	2105	L4 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L13	4	L4 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L14	6	(US-20040153543-\$).did. or (US-6351530-\$ or US-5424709-\$ or US-5533056-\$ or US-5204879-\$ or US-5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L15	2	L14 and impedance	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L16	186083	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L17	298	L16 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L18	67	L17 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L19	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L20	59	L19 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L21	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L22	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L23	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L24	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L25	47	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L26	29	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L27	22	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L28	40	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L29	30	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L30	22	(L28 L29) not L27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L31	322618	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L32	735	L31 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L33	519	L31 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L34	91	L33 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L35	17	L33 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L36	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/09/19 15:17
L37	550574	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L38	32	L37 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L39	16	L38 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L40	0	L39 not L38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L41	16	L38 not L39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L42	2445	L37 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L43	0	L37 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L44	0	L37 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L45	2105	L37 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L46	4	L37 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L47	6	(US-20040153543-\$).did. or (US-6351530-\$ or US- 5424709-\$ or US-5533056-\$ or US-5204879-\$ or US- 5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L48	2	L47 and impedance	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17

L49	186083	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L50	298	L49 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L51	67	L50 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L52	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L53	59	L52 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L54	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L55	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L56	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L57	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L58	47	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L59	29	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L60	22	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L61	40	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L62	30	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L63	22	(L61 L62) not L60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L64	322618	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L65	735	L64 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L66	519	L64 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L67	91	L66 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L68	17	L66 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L69	12669	transformer and (isolat\$3 with power voltage) and bi \$directional	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L70	3791	transformer and (isolat\$3 with power voltage) and (bi \$directional with (power ac )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L71	3933	transformer and (isolat\$3 with power voltage) and (bi \$directional with (power ac "alternating current") )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L72	1376	((isolat\$3 with power voltage) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L73	576	((isolat\$3 with (power voltage)) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L74	251	((isolat\$3 with (power voltage)) same ((bi \$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L75	41	((isolat\$3 with (power voltage)) same ((bi \$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17



L76	139	((bi\$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L77	8	L76 and daa	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L78	2222	modulat\$3 with load with impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L79	403	(modulat\$3 with load with impedance) same transformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L80	155	(modulat\$3 with load with impedance) with transformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L81	14	(modulat\$3 with load with impedance) with transformer with data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L82	22	((modulat\$3) ) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L83	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/09/19 15:17
L84	550574	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L85	32	L84 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L86	16	L85 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L87	0	L86 not L85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L88	16	L85 not L86	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L89	2445	L84 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L90	0	L84 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L91	0	L84 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L92	2105	L84 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L93	4	L84 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L94	6	(US-20040153543-\$).did. or (US-6351530-\$ or US-5424709-\$ or US-5533056-\$ or US-5204879-\$ or US-5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L95	2	L94 and impedance	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L96	186083	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L97	298	L96 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L98	67	L97 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L99	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L100	59	L99 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L101	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L102	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L103	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L104	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L105	47	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L106	29	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L107	22	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L108	40	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L109	30	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L110	22	(L108 L109) not L107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L111	322618	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L112	735	L111 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L113	519	L111 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L114	91	L113 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L115	17	L113 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L116	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/09/19 15:17
L117	550574	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L118	32	L117 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L119	16	L118 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L120	0	L119 not L118	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L121	16	L118 not L119	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L122	2445	L117 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L123	0	L117 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L124	0	L117 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L125	2105	L117 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L126	4	L117 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L127	6	(US-20040153543-\$).did. or (US-6351530-\$ or US-5424709-\$ or US-5533056-\$ or US-5204879-\$ or US-5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L128	2	L127 and impedance	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L129	186083	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L130	298	L129 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L131	67	L130 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L132	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L133	59	L132 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L134	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L135	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L136	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L137	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L138	47	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L139	29	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L140	22	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L141	40	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L142	30	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L143	22	(L141 L142) not L140	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L144	322618	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L145	735	L144 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L146	519	L144 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L147	91	L146 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L148	17	L146 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L149	12669	transformer and (isolat\$3 with power voltage) and bi \$directional	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17



L150	3791	transformer and (isolat\$3 with power voltage) and (bi\$directional with (power ac ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L151	3933	transformer and (isolat\$3 with power voltage) and (bi\$directional with (power ac "alternating current") )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L152	1376	((isolat\$3 with power voltage) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L153	576	((isolat\$3 with (power voltage)) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L154	251	((isolat\$3 with (power voltage)) same ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L155	41	((isolat\$3 with (power voltage)) same ((bi\$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L156	139	((bi\$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L157	8	L156 and daa	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L158	2222	modulat\$3 with load with impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L159	403	(modulat\$3 with load with impedance) same transformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L160	155	(modulat\$3 with load with impedance) with transformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L161	14	(modulat\$3 with load with impedance) with transformer with data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L162	22	((modulat\$3) ) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L163	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/09/19 15:17
L164	550574	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L165	32	L84 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L166	16	L85 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L167	0	L86 not L85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L168	16	L85 not L86	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L169	2445	L84 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L170	0	L84 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L171	0	L84 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L172	2105	L84 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L173	4	L84 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L174	6	(US-20040153543-\$).did. or (US-6351530-\$ or US- 5424709-\$ or US-5533056-\$ or US-5204879-\$ or US- 5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L175	2	L94 and impedance	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L176	186083	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L177	298	L96 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L178	67	L97 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L179	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L180	59	L99 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L181	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L182	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L183	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L184	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L185	47	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L186	29	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L187	22	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L188	40	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L189	30	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L190	22	(L108 L109) not L107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L191	322618	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L192	735	L111 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L193	519	L111 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L194	91	L113 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L195	17	L113 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L196	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/09/19 15:17
L197	550574	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L198	32	L117 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L199	16	L118 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L200	0	L119 not L118	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L201	16	L118 not L119	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L202	2445	L117 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L203	0	L117 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L204	0	L117 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L205	2105	L117 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L206	4	L117 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L207	6	(US-20040153543-\$).did. or (US-6351530-\$ or US-5424709-\$ or US-5533056-\$ or US-5204879-\$ or US-5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L208	2	L127 and impedance	US-PGPUB; USPAT	OR	OFF	2010/09/19 15:17
L209	186083	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L210	298	L129 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L211	67	L130 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L212	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L213	59	L132 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L214	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L215	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L216	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L217	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L218	47	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L219	29	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L220	22	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L221	40	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L222	30	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L223	22	(L141 L142) not L140	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17



L224	322618	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L225	735	L144 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L226	519	L144 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L227	91	L146 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L228	17	L146 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L229	12669	transformer and (isolat\$3 with power voltage) and bi \$directional	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L230	3791	transformer and (isolat\$3 with power voltage) and (bi \$directional with (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L231	3933	transformer and (isolat\$3 with power voltage) and (bi \$directional with (power ac "alternating current") )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L232	1376	(isolat\$3 with power voltage) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L233	576	((isolat\$3 with (power voltage)) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L234	251	((isolat\$3 with (power voltage)) same ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L235	41	((isolat\$3 with (power voltage)) same ((bi\$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L236	139	((bi\$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L237	8	L156 and daa	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L238	2222	modulat\$3 with load with impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L239	403	((modulat\$3 with load with impedance) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L240	155	((modulat\$3 with load with impedance) with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L241	14	((modulat\$3 with load with impedance) with transformer with data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L242	22	((modulat\$3) ) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L243	4630	modulat\$3 with (ac "alternating-current" (alternating adj current) ) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L244	1	L243 and "xor" and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L245	1	L243 and (exclusive with "or" with gate) and (exclusive with "nor" with gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L246	15116	modulat\$3 with (ac "alternating-current" (alternating adj current) ) and phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L247	10	L246 and (exclusive with "or" with gate) and (exclusive with "nor" with gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L248	166304	modulat\$3 with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L249	454	L248 and ((exclusive with "or" with gate) or "xor") and ((exclusive with "nor" with gate) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L250	306	L248 and ((exclusive with "or" with gate) or "xor") with ((exclusive with "nor" with gate) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L251	98	L250 and (ac "alternating-current" (alternating adj current) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L252	20	L251 and (isolation with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L253	21	L251 and modulat\$3.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L254	20	L253 not L252	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L255	110	(modulat\$3 with phase) same ((exclusive with "or" with gate) or "xor") and ((exclusive with "nor" with gate) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L256	128	(modulat\$3 with phase) same ((exclusive with "or" ) or "xor") and ((exclusive with "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L257	83	(modulat\$3 with phase) with ((exclusive with "or" ) or "xor") and ((exclusive with "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L258	0	L257 and (isolation with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L259	2	L257 and (modem or subscriber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L260	24	L257 and modulat\$3.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L261	24	L260 not L252	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L262	10	(modulat\$3 with phase) with ((exclusive with "or" ) or "xor") with ((exclusive with "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L263	368	(modulat\$3 with phase) and ((exclusive with "or" ) or "xor") with ((exclusive with "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L264	188	(modulat\$3 with phase) and ((exclusive adj "or" ) or "xor") with ((exclusive adj "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L265	185	L264 not L252	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L266	46	L265 and (modern isolation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L267	166304	modulat\$3 with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L268	306	L267 and ((exclusive with "or" with gate) or "xor") with ((exclusive with "nor" with gate) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17

L269	98	L268 and (ac "alternating-current" (alternating adj current) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L270	20	L269 and (isolation with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L271	188	(modulat\$3 with phase) and ((exclusive adj "or" ) or "xor") with ((exclusive adj "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L272	185	L271 not L270	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L273	46	L272 and (modem isolation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L274	17	L273 and psk	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
L275	726	379/412.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/19 15:17
S6	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2009/01/04 23:17
S7	462275	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 23:18

S8	27	S7 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 23:19
S9	14	S8 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 23:20
S10	0	S9 not S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 23:24
S11	13	S8 not S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 23:24
S12	2024	S7 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 23:41
S13	0	S7 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 23:42
S14	0	S7 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 23:42
S15	1790	S7 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 23:42
S16	4	S7 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 23:42

S17	6	(US-20040153543-\$).did. or (US-6351530-\$ or US-5424709-\$ or US-5533056-\$ or US-5204879-\$ or US-5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/01/04 23:56
S18	2	S17 and impedance	US-PGPUB; USPAT	OR	OFF	2009/01/04 23:57
S19	170559	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:24
S20	288	S19 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:25
S21	67	S20 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:25
S22	93	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:26
S23	59	S22 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:26
S24	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:29
S25	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:29
S26	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:33



S27	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:36
S28	38	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:45
S29	21	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:46
S30	16	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:47
S31	30	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:55
S32	23	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:55
S33	18	(S31 S32) not S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 14:55
S34	305854	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 15:06
S35	691	S34 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 15:07

S36	483	S34 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 15:07
S37	87	S36 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 15:07
S38	17	S36 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/08 15:07
S39	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/05/13 10:46
S40	531531	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S41	31	S40 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S42	16	S41 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S43	0	S42 not S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S44	15	S41 not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46

S45	2333	S40 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S46	0	S40 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S47	0	S40 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S48	2035	S40 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S49	4	S40 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S50	6	(US-20040153543-\$).did. or (US-6351530-\$ or US-5424709-\$ or US-5533056-\$ or US-5204879-\$ or US-5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/05/13 10:46
S51	2	S50 and impedance	US-PGPUB; USPAT	OR	OFF	2010/05/13 10:46
S52	181146	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S53	294	S52 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S54	67	S53 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46

S55	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S56	59	S55 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S57	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S58	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S59	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S60	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S61	43	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S62	25	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S63	20	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46

S64	36	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S65	27	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S66	20	(S64 S65) not S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S67	317409	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S68	719	S67 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S69	506	S67 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S70	89	S69 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S71	17	S69 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:46
S72	12294	transformer and (isolat\$3 with power voltage) and bi \$directional	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:47

S73	3651	transformer and (isolat\$3 with power voltage) and (bi\$directional with (power ac ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:48
S74	3792	transformer and (isolat\$3 with power voltage) and (bi\$directional with (power ac "alternating current") )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:48
S75	1330	((isolat\$3 with power voltage) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:49
S76	554	((isolat\$3 with (power voltage)) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:49
S77	238	((isolat\$3 with (power voltage)) same ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:49
S78	40	((isolat\$3 with (power voltage)) same ((bi\$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:49
S79	134	((bi\$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 11:00
S80	6	S79 and daa	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 11:00
S81	2171	modulat\$3 with load with impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/14 06:58

S82	397	(modulat\$3 with load with impedance) same transformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/14 06:58
S83	151	(modulat\$3 with load with impedance) with transformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/14 07:00
S84	12	(modulat\$3 with load with impedance) with transformer with data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/14 07:00
S85	20	((modulat\$3) ) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/18 10:24
S86	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/05/23 20:55
S87	532822	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S88	31	S87 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S89	16	S88 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S90	0	S89 not S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55

S91	15	S88 not S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S92	2339	S87 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S93	0	S87 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S94	0	S87 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S95	2041	S87 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S96	4	S87 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S97	6	(US-20040153543-\$).did. or (US-6351530-\$ or US- 5424709-\$ or US-5533056-\$ or US-5204879-\$ or US- 5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/05/23 20:55
S98	2	S97 and impedance	US-PGPUB; USPAT	OR	OFF	2010/05/23 20:55
S99	181456	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S100	294	S99 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55



S101	67	S100 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S102	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S103	59	S102 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S104	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S105	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S106	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S107	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S108	43	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S109	25	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55

S110	20	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S111	37	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S112	28	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S113	21	(S111 S112) not S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S114	318153	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S115	719	S114 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S116	506	S114 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S117	89	S116 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S118	17	S116 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55

S119	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/05/23 20:55
S120	532822	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S121	31	S120 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S122	16	S121 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S123	0	S122 not S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S124	15	S121 not S122	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S125	2339	S120 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S126	0	S120 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S127	0	S120 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55

S128	2041	S120 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S129	4	S120 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S130	6	(US-20040153543-\$).did. or (US-6351530-\$ or US-5424709-\$ or US-5533056-\$ or US-5204879-\$ or US-5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/05/23 20:55
S131	2	S130 and impedance	US-PGPUB; USPAT	OR	OFF	2010/05/23 20:55
S132	181456	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S133	294	S132 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S134	67	S133 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S135	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S136	59	S135 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S137	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55

S138	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S139	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S140	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S141	43	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S142	25	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S143	20	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S144	37	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S145	28	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S146	21	(S144 S145) not S143	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55

S147	318153	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S148	719	S147 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S149	506	S147 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S150	89	S149 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S151	17	S149 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S152	12311	transformer and (isolat\$3 with power voltage) and bi \$directional	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S153	3656	transformer and (isolat\$3 with power voltage) and (bi \$directional with (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S154	3797	transformer and (isolat\$3 with power voltage) and (bi \$directional with (power ac "alternating current") )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S155	1333	(isolat\$3 with power voltage) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55

S156	554	((isolat\$3 with (power voltage)) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S157	238	((isolat\$3 with (power voltage)) same ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S158	40	((isolat\$3 with (power voltage)) same ((bi\$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S159	134	((bi\$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S160	6	S159 and daa	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S161	2173	modulat\$3 with load with impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S162	397	((modulat\$3 with load with impedance) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S163	151	((modulat\$3 with load with impedance) with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S164	12	((modulat\$3 with load with impedance) with transformer with data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55

S165	20	((modulat\$3) ) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:55
S166	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/05/23 20:58
S167	532822	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S168	31	S87 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S169	16	S88 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S170	0	S89 not S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S171	15	S88 not S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S172	2339	S87 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S173	0	S87 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58



S174	0	S87 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S175	2041	S87 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S176	4	S87 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S177	6	(US-20040153543-\$).did. or (US-6351530-\$ or US-5424709-\$ or US-5533056-\$ or US-5204879-\$ or US-5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/05/23 20:58
S178	2	S97 and impedance	US-PGPUB; USPAT	OR	OFF	2010/05/23 20:58
S179	181456	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S180	294	S99 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S181	67	S100 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S182	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S183	59	S102 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58

S184	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S185	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S186	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S187	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S188	43	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S189	25	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S190	20	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S191	37	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S192	28	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58

S193	21	(S111 S112) not S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S194	318153	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S195	719	S114 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S196	506	S114 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S197	89	S116 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S198	17	S116 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S199	2	"6351530".pn. "5424709".pn.	USPAT	OR	OFF	2010/05/23 20:58
S200	532822	(daa modem subscriber (isolat\$3 near3 transformer) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S201	31	S120 and transformer with (data near5 modulat\$3 near5 (power ac) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58

S202	16	S121 and (comparator bidirectional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S203	0	S122 not S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S204	15	S121 not S122	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S205	2339	S120 and (recover\$3 near4 clock near4 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S206	0	S120 and (recover\$3 near4 clock near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S207	0	S120 and (recover\$3 near4 clock\$3 near3 "from" near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S208	2041	S120 and (recover\$3 near4 clock\$3 near3 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S209	4	S120 and (recover\$3 near4 clock\$3 near3 data with simultaneously)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S210	6	(US-20040153543-\$).did. or (US-6351530-\$ or US- 5424709-\$ or US-5533056-\$ or US-5204879-\$ or US- 5056118-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/05/23 20:58
S211	2	S130 and impedance	US-PGPUB; USPAT	OR	OFF	2010/05/23 20:58

S212	181456	(modulat\$3 demodulat\$3) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S213	294	S132 and "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S214	67	S133 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S215	94	((modulat\$3 demodulat\$3) with phase ) same "exclusive or" and "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S216	59	S135 and (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S217	0	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor") same (across with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S218	9	((modulat\$3 demodulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S219	6	((modulat\$3) with phase ) same ("exclusive or" and "exclusive nor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S220	5	((modulat\$3) with phase ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58

S221	43	((modulat\$3) ) same "exclusive or" same "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S222	25	((modulat\$3) ) with "exclusive or" with "exclusive nor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S223	20	(modulat\$3) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S224	37	(modulat\$3) with ("xor") and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S225	28	(modulat\$3) with ("xnor") and "xor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S226	21	(S144 S145) not S143	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S227	318153	clock.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S228	719	S147 and ("exclusive or" "xor") and ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S229	506	S147 and ("exclusive or" "xor") same ("exclusive nor" or "xnor" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58

S230	89	S149 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S231	17	S149 and modulat\$4.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S232	12311	transformer and (isolat\$3 with power voltage) and bi \$directional	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S233	3656	transformer and (isolat\$3 with power voltage) and (bi \$directional with (power ac )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S234	3797	transformer and (isolat\$3 with power voltage) and (bi \$directional with (power ac "alternating current") )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S235	1333	(isolat\$3 with power voltage) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S236	554	((isolat\$3 with (power voltage)) and ((bi\$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S237	238	((isolat\$3 with (power voltage)) same ((bi \$directional with (power ac "alternating current") ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S238	40	((isolat\$3 with (power voltage)) same ((bi \$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58

S239	134	((bi\$directional with (power ac "alternating current") with data ) same transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S240	6	S159 and daa	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S241	2173	modulat\$3 with load with impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S242	397	(modulat\$3 with load with impedance) same transformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S243	151	(modulat\$3 with load with impedance) with transformer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S244	12	(modulat\$3 with load with impedance) with transformer with data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S245	20	((modulat\$3) ) with "xor" with "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 20:58
S246	4504	modulat\$3 with (ac "alternating-current" (alternating adj current) ) with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:13
S247	1	S246 and "xor" and "xnor"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:13



S248	1	S246 and (exclusive with "or" with gate) and (exclusive with "nor" with gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:15
S249	14688	modulat\$3 with (ac "alternating-current" (alternating adj current) ) and phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:16
S250	10	S249 and (exclusive with "or" with gate) and (exclusive with "nor" with gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:16
S251	161995	modulat\$3 with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:19
S252	450	S251 and ((exclusive with "or" with gate) or "xor") and ((exclusive with "nor" with gate) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:20
S253	302	S251 and ((exclusive with "or" with gate) or "xor") with ((exclusive with "nor" with gate) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:22
S254	97	S253 and (ac "alternating-current" (alternating adj current) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:22
S255	20	S254 and (isolation with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:23
S256	21	S254 and modulat\$3.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:26

S257	20	S256 not S255	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:26
S258	110	(modulat\$3 with phase) same ((exclusive with "or" with gate) or "xor") and ((exclusive with "nor" with gate) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:32
S259	128	(modulat\$3 with phase) same ((exclusive with "or" ) or "xor") and ((exclusive with "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:33
S260	83	(modulat\$3 with phase) with ((exclusive with "or" ) or "xor") and ((exclusive with "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:33
S261	0	S260 and (isolation with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:34
S262	2	S260 and (modem or subscriber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:34
S263	24	S260 and modulat\$3.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:37
S264	24	S263 not S255	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:37
S265	10	(modulat\$3 with phase) with ((exclusive with "or" ) or "xor") with ((exclusive with "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:38

S266	363	(modulat\$3 with phase) and ((exclusive with "or" ) or "xor") with ((exclusive with "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:44
S267	184	(modulat\$3 with phase) and ((exclusive adj "or" ) or "xor") with ((exclusive adj "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:44
S268	181	S267 not S255	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:45
S269	46	S268 and (modern isolation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/23 23:45
S270	161995	modulat\$3 with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 08:16
S271	302	S270 and ((exclusive with "or" with gate) or "xor") with ((exclusive with "nor" with gate) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 08:16
S272	97	S271 and (ac "alternating-current" (alternating adj current) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 08:16
S273	20	S272 and (isolation with transformer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 08:16
S274	184	(modulat\$3 with phase) and ((exclusive adj "or" ) or "xor") with ((exclusive adj "nor" ) or "xnor")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 08:16

S275	181	S274 not S273	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 08:16
S276	46	S275 and (modern isolation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 08:16
S277	17	S276 and psk	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 08:16
S278	723	379/412.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 09:58

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L276	447	379/412.ccls.	USPAT; UPAD	OR	ON	2010/09/19 15:24

**9/ 19/ 2010 3:26:39 PM****H:\ EAST\ Workspaces\ 10697819.wsp**